

## ABSTRACT

The present invention provides methods, compositions and kits for using an RNA polymerase for making transcription products corresponding to a target sequence by obtaining circular single-stranded DNA transcription substrates using a promoter primer that encodes one strand of a double-stranded promoter. The invention has broad applicability for research, diagnostic and therapeutic applications, such as preparing cDNA corresponding to mRNA, making sense or anti-sense probes, detecting gene- or organism-specific sequences, or making RNAi.